

NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL RADIATION
RADIOACTIVE MATERIALS SECTION
PO BOX 415, TRENTON, NEW JERSEY 08625

APPLICATION FOR RADIOACTIVE MATERIALS LICENSE

INSTRUCTIONS – Complete all items in the application whether for a renewal or an initial application. Do not make reference to documents previously filled with the State or any other government agency. Read each item carefully and answer as completely as possible. All attachments are to be appropriately labeled (e.g. the first attachment for Item 6 should read 6A, the second 6B, the third 6C, etc.) Make a copy of the completed application and all attachments for your records. The license application is to be certified and signed as per NJAC 7:28-4.6(c) 2. Mail the original to: New Jersey State Department of Environmental Protection, Bureau of Environmental Radiation, Radioactive Materials Section, PO Box 415, Trenton, New Jersey 08625-0415. The information submitted in this application will become part of the terms and conditions of the license. Upon approval of the application, the applicant will receive a radioactive material license issued pursuant to statutory and implementing regulatory authority. This license will be subject to all applicable rules, regulations and orders of all appropriate regulatory agencies now or hereafter in effect and to any conditions specified in the license.

****No licenses will be issued unless appropriate annual fees are paid as per NJAC 7:28-4.19****

Use the attached Fee Worksheet to determine your annual license fee. Submit completed and signed application and Fee Worksheet along with a check for the annual license fee payable to “Treasurer, State of New Jersey”.

1. FACILITY (Institution, Firm, Hospital, Person, etc.)

NAME

ADDRESS

CITY, COUNTY, ZIP CODE

PHONE NUMBER

2. DEPARTMENT(S) THAT WILL STORE AND/OR USE THE RADIOACTIVE MATERIAL (if more space is needed, include as Attachment 2A, 2B, etc.)

NAME

ADDRESS

CITY, COUNTY, ZIP CODE

PHONE NUMBER

NAME

ADDRESS

CITY, COUNTY, ZIP CODE

PHONE NUMBER

3. Have you ever been denied a license for use of radioactive material by any federal or state jurisdiction or has such a license ever been revoked or suspended? NO YES (If yes, describe details on additional sheet) If this is a renewal, please indicate previous license number.

Previous License Number and Issuing Agency:

License No. _____

Agency _____

4. **RADIOACTIVE MATERIAL USER(S).** List the name(s) and title of individual(s) who will use, directly supervise or approve the use of radioactive materials. For human use of the radioactive material, the licensed user is an individual who will possess or use radioactive substances, prescribe dosage, administer, or arrange for the administration of said substances to human beings or irradiate, or arrange for the irradiation of human beings by said substances. (List training and experience in Item 6).

A.

B.

C.

D.

E.

F.

-
5. **RADIATION SAFETY.** List the name and title of person designated as Radiation Safety Officer. (List training and experience in Item 6).

Name _____ Title _____

If this facility has a Radiation Safety Committee or Isotope Committee, describe the committee's responsibilities, duties, membership and meeting frequency (Label this Attachment 5)

ATTACHMENTS ENCLOSED

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6. **TRAINING AND EXPERIENCE.** Delineate the training and experience of individuals listed in Item 4 and 5 by inclusion of a resume and a summary of training for each individual. For application for Human-Use licenses, physicians, in lieu of documentation of training and experience, may submit proof of certification by an appropriate board or proof of certification as fellow in an appropriate College or Faculty as per NJAC 7:28-4.7(c). (Label these items for each individual as Attachments 6A, 6B, 6C, etc.)

ATTACHMENTS ENCLOSED

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7. **RADIATION PROTECTION PROGRAM (RPP).** Describe the RPP at the facility. Include copies of documents relating to radiation protection procedures and control measures (e.g. emergency procedures, spill control, surveys performed and their frequency, etc.) (Label these Attachments 7A, 7B, 7C, etc.)

ATTACHMENTS ENCLOSED

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8. **FACILITIES AND EQUIPMENT.** Describe laboratory facilities, remote-handling equipment, storage containers, shielding, fume hoods, etc. Include sketches of facilities. (Label these Attachments 8A, 8B, 8C, etc.)

ATTACHMENTS ENCLOSED

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9. **PERSONNEL MONITORING PROCEDURES.** Describe the methods used for personnel dosimetry including type of dosimeter, frequency or changing, methods for calibration and processing or the name of the supplier. (Label these Attachments 9A, 9B, 9C, etc.)

ATTACHMENTS ENCLOSED

[illegible]

Users Identified in Item 4	HUMAN-USE GROUPS					
	I	II	III	IV	V	VI
4A						
4B						
4C						
4D						
4E						
4F						
4G						
4H						
4I						
4J						

List the maximum quantity (mCi) of the radioactive material to be licensed in each group.						
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1. LIST THE RADIATION DETECTION INSTRUMENTATION AT THE FACILITY. Make a separate list for each department listed in Item 2.

INSTRUMENT		NO. OF UNITS	RADIATION DETECTED (α , β , γ)	SENSITIVITY RANGE (mR/hr, cpm)	USE: M-Monitor S-Survey Q-Measure	CALIBRATION FREQUENCY Q-Quarterly S-Semi-Annual A-Annual
Meter/Analyzer (Make & Model)	Probe/Detector (Make & Model)					

12. **INSTRUMENTATION CALIBRATION.** Describe the method and frequency of calibration of each instrument listed in Item 11. If a consultant is employed to perform this service, specify the company's name and address. (Label these Attachments 12A, 12B, 12C, etc.)

ATTACHMENTS ENCLOSED

13. **WASTE DISPOSAL.** Describe the methods that will be used for disposing of radioactive waste and estimate the type and amount of activity involved for each method. If a commercial waste disposal service is employed, give the company's name and address.

ATTACHMENTS ENCLOSED

14. I, CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION PROVIDED IN THIS DOCUMENT IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT CIVIL AND CRIMINAL PENALTIES FOR SUBMITTING FALSE, INACCURATE OR INCOMPLETE INFORMATION, INCLUDING FINES AND/OR IMPRISONMENT. AS PER NJAC 7:28-4.6(c)2, "THE CERTIFICATION SHALL BE SIGNED BY THE HIGHEST RANKING CORPORATE, PARTNERSHIP OR GOVERNMENTAL OFFICER OR OFFICIAL AT THE FACILITY OR THE INDIVIDUAL FOR WHICH OR FOR WHOM THE SPECIFIC STATE LICENSE IS REQUESTED".

Applicant Named in Item 1

Signature of Certifying Official

Date

Name and Title of Certifying Official

FEE WORKSHEET

SUBMIT CHECK WITH THE WORKSHEET

These fees apply only to radioactive materials licensed by the State of New Jersey. Make checks payable to: "Treasurer, State of New Jersey".

I. Licensee Information

A. Name of Licensee: _____

B. New Jersey State Radioactive Materials License Number: _____

C. Name of individual completing worksheet: _____

_____ Signature _____
Print or Type

D. Date: _____ Telephone Number: _____

II. License Categories

A. HUMAN USE CATEGORIES *

LICENSE FEE

1. Radioactive materials license for Human Use Group I:

- | | |
|--|-----------------|
| i. Possession of material only; | \$ 200.00 _____ |
| ii. Administration of less than 10 doses per year; | \$ 300.00 _____ |
| iii. Administration of 10 through 49 doses per year; | \$ 400.00 _____ |
| iv. Administration of 50 or more doses per year. | \$ 500.00 _____ |

2. Radioactive materials license for Human Use Group II:

- | | |
|--|------------------|
| i. Possession of material only; | \$ 200.00 _____ |
| ii. Administration of less than 200 doses per year; | \$ 400.00 _____ |
| iii. Administration of between 200 and 1,499 doses per year; | \$ 800.00 _____ |
| iv. Administration of 1,500 or more doses per year. | \$1,200.00 _____ |

3. Radioactive materials license for Human Use Group III:

- | | |
|--|-----------------|
| i. Possession of material only; | \$ 200.00 _____ |
| ii. Administration of less than 200 doses per year; | \$ 200.00 _____ |
| iii. Administration of 200 through 999 doses per year; | \$ 400.00 _____ |
| iv. Administration of 1,000 or more doses per year. | \$ 500.00 _____ |

4. Radioactive materials licensed for Human Use Group IV:

- | | | |
|--|-----------|-------|
| i. Possession of material only; | \$ 200.00 | _____ |
| ii. Administration of less than 10 doses per year; | \$ 300.00 | _____ |
| iii. Administration of 10 through 49 doses per year; | \$ 400.00 | _____ |
| iv. Administration of 50 or more doses per year. | \$ 500.00 | _____ |

5. Radioactive materials license for Human Use Group V:

- | | | |
|--|-----------|-------|
| i. Possession of material only; | \$ 200.00 | _____ |
| ii. Administration of less than 10 doses per year; | \$ 300.00 | _____ |
| iii. Administration of 10 through 49 doses per year; | \$ 400.00 | _____ |
| iv. Administration of 50 or more doses per year. | \$ 500.00 | _____ |

6. Radioactive materials license for Human Use Group VI:

- | | | |
|--|-----------|-------|
| i. Possession of material only; | \$ 200.00 | _____ |
| ii. Administration of less than 10 doses per year; | \$ 600.00 | _____ |
| iii. Administration of 10 through 49 doses per year; | \$ 700.00 | _____ |
| iv. Administration of 50 or more doses per year. | \$ 800.00 | _____ |

Human Use License Bill – TOTAL = _____*

* These fees include the fees for radioactive materials used for calibration and quality control procedures associated with instruments used for imaging and quantifying human-use radioactive materials.

B. NON-HUMAN USE CATEGORIES

	<u>LICENSE FEE</u>
7. Radioactive materials license for commercial manufacture, processing and/or distribution of radioactive materials for Human Use.	\$3,000.00 ____
8. Radioactive materials license for commercial manufacture, processing and/or distribution of radioactive materials.	\$3,000.00 ____
9. Radioactive materials license for radioactive materials as sealed sources used for calibration and quality control purposes with a possession limit of 10 mCi or less.	\$ 600.00 ____
10. Radioactive materials license for radioactive materials as sealed sources used for calibration and quality control purposes with a possession limit greater than 10 mCi.	\$1,000.00 ____
11. Radioactive materials license for radioactive material as sealed sources contained in devices used for analytical purposes with a possession limit of one mCi or less.	\$ 500.00 ____
12. Radioactive materials license for radioactive materials, except Radium-226, as sealed sources with a possession limit greater Than one mCi, but less than or equal to 300 mCi:	
i. Government agencies using x-ray fluorescence devices for lead paint analysis	\$ 100.00 ____
ii. all others	\$ 750.00 ____
13. Radioactive materials license for radioactive materials except Radium-226, as sealed sources contained in devices used for analytical purposes with a possession limit of greater than 300 mCi.	\$1,000.00 ____
14. Radioactive materials license for radioactive Radium-226 as a sealed source, contained in devices used for analytical purposes with possession limit greater than one mCi, but less than or equal to 50 mCi.	\$1,000.00 ____
15. Radioactive materials license for radioactive Radium-226 as a sealed source, contained in devices used for analytical purposes with a possession limit greater than 50 mCi.	\$1,500.00 ____
16. Radioactive materials license for radioactive materials as sealed sources for Non-Medical Industrial Radiography.	\$2,000.00 ____
17. Radioactive materials license for radioactive materials not as sealed sources with a possession limit of 500 mCi or less.	\$1,500.00 ____
18. Radioactive materials license for radioactive materials not as sealed sources with a possession limit of greater than 500 mCi.	\$2,000.00 ____

Non-Human Use License Bill – TOTAL = _____